

What is claimed is:

1. An optical disk player, comprising:
a carrier having a side edge and an accomodation space provided along the
side edge; and
5 a deceleration device that is coupled to the accomodation space, the
deceleration device comprising:
a module case body that is formed in one piece; and
a plurality of gears, all of which are permanently attached to the module case
body.

2. The optical disk player of claim 1, wherein the deceleration device
further includes a gearbox that is permanently connected to the module case body.

3. The optical disk player of claim 2, wherein the gearbox has a chamber
15 formed inside, and a side opening facing sideways to the module case body, with
one of the plurality of gears retained inside the chamber.

4. The optical disk player of claim 1, further including a motor coupled to
the module case body.

5. The optical disk player of claim 3, further including a motor coupled to
the gearbox.

6. The optical disk player of claim 1, wherein the plurality of gears
25 includes a first composite gear, a second composite gear that engages the first
composite gear, a first spur gear that engages the second composite gear, a second
spur gear that engages the first spur gear, a third spur gear that engages the second
spur gear, a third composite gear that engages the third spur gear, a fourth spur gear
that engages the third composite gear, and a fourth composite gear that engages the
30 fourth spur gear.

7. The optical disk player of claim 1, wherein the carrier has a vertical
plate positioned in the accomodation space, and a bottom plate extending
perpendicularly from the vertical plate.

8. The optical disk player of claim 1, further including means for hooking the module case body to the carrier.

5 9. The optical disk player of claim 1, further including means for removably coupling the module case body to the carrier.

10. The optical disk player of claim 7, wherein the module case body is coupled to the vertical plate.

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11. The optical disk player of claim 2, wherein the plurality of gears, the gearbox and the module case body are formed in one piece.

12. A method of making an optical disk player, comprising:
15 providing a carrier having a side edge and an accommodation space provided along the side edge;

providing a deceleration device that has a module case body that is formed in one piece, and a plurality of gears, all of which are permanently attached to the module case body; and

20 coupling the module case body to the accommodation space.